

# Airless Cupla CNA Type

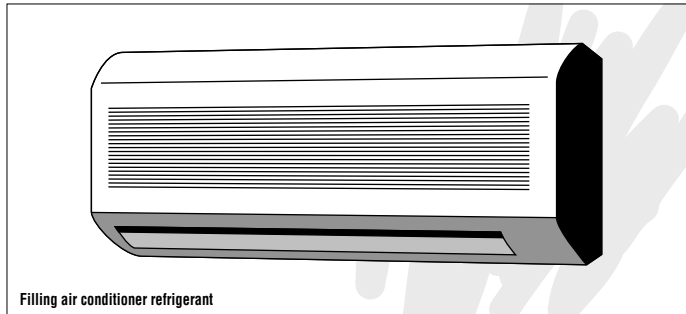
For various industrial gases

<b>Working pressure</b> 3.0 3.0 MPa (31 kgf/cm <sup>2</sup> )	<b>Valve structure</b> Two-way shut-off	<b>Applicable fluids</b> Gas Air Water Hydraulic oil
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- Airtight construction minimizes admixture of air on connection and fluid spill out on disconnection.
- Built-in automatic shut-off valves in socket and plug.
- Connects/disconnects even under pressure, lever action opens/closes valves.

### Application example



### Specifications

<b>Body material</b>	Stainless steel (some parts are made of aluminum, and brass)			
<b>Size</b>	3/8"			
<b>Working pressure MPa (kgf/cm<sup>2</sup>)</b>	3.0 (31)			
<b>Pressure resistance MPa (kgf/cm<sup>2</sup>)</b>	3.6 (37)			
<b>Seal material</b> <b>Working temperature range</b>	<b>Seal material</b>	<b>Mark</b>	<b>Working temperature range</b>	<b>Remarks</b>
	Chloroprene rubber	CR (C308)	-20°C~+80°C	Available on request
	Hydrogenated nitrile rubber	HNBR (H708)	-20°C~+120°C	Available on request

### Models and Dimensions

WAF : WAF stands for width across flats.

Plug		CNA type (Female thread)			Socket		CNA type (Female thread)						
<b>Model</b>	<b>Application</b>	<b>Mass (g)</b>	<b>Dimensions (mm)</b>			<b>Model</b>	<b>Application</b>	<b>Mass (g)</b>	<b>Dimensions (mm)</b>				
			<b>L</b>	<b>Hp(WAF)</b>	<b>T</b>				<b>Ls</b>	<b>L</b>	<b>øD</b>	<b>H</b>	<b>T</b>
CNA-3P-V	R 3/8	75	43	Hex.22	Rc 3/8	CNA-3S-V	R 3/8	380	114	103	38	48	Rc3/8

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.

# TSP-HP Cupla for High Pressure

For high pressure and general purposes

<b>Working pressure</b> 9.0 9.0 MPa (92 kgf/cm <sup>2</sup> )	<b>Valve structure</b> Straight through	<b>Applicable fluids</b> Water Hydraulic oil
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- Good for high pressure water piping such as in high pressure washers, or car washers.
- Valveless type ensures high flow rate.

### Specifications

<b>Body material</b>	Stainless steel			
<b>Size</b>	1/4" • 3/8" • 1/2"			
<b>Working pressure MPa (kgf/cm<sup>2</sup>)</b>	9.0 (92)			
<b>Pressure resistance MPa (kgf/cm<sup>2</sup>)</b>	15.0 (153)			
<b>Seal material</b> <b>Working temperature range</b>	<b>Seal material</b>	<b>Mark</b>	<b>Working temperature range</b>	<b>Remarks</b>
	Nitrile rubber	NBR (SG)	-20°C~+80°C	Available on request
	Ethylene-propylene rubber	EPDM (EPT)	-40°C~+150°C	Available on request

### Models and Dimensions

WAF : WAF stands for width across flats.

Plug		TPF type (Female thread)			Socket		TSF type (Female thread)					
<b>Model</b>	<b>Application</b>	<b>Mass (g)</b>	<b>Dimensions (mm)</b>			<b>Model</b>	<b>Application</b>	<b>Mass (g)</b>	<b>Dimensions (mm)</b>			
			<b>Lp</b>	<b>H(WAF)</b>	<b>C</b>				<b>T</b>	<b>øBp</b>	<b>Ls</b>	<b>øHs</b>
2TPF-HP	R 1/4	34	Hex.17	18	Rc 1/4	6.5	2TSF-HP	R 1/4	32	24	Hex.19	Rc 1/4
3TPF-HP	R 3/8	38	Hex.21	21	Rc 3/8	10	3TSF-HP	R 3/8	35	28	Hex.23	Rc 3/8
4TPF-HP	R 1/2	47.5	Hex.29	26.5	Rc 1/2	13	4TSF-HP	R 1/2	44.5	35	Hex.29	Rc 1/2

### Plug TPM type (Male thread)

<b>Model</b>	<b>Application</b>	<b>Dimensions (mm)</b>				
		<b>Lp</b>	<b>H(WAF)</b>	<b>C</b>	<b>T</b>	<b>øBp</b>
2TPM-HP	Rc 1/4	38	Hex.17	18	R 1/4	6.5
3TPM-HP	Rc 3/8	43	Hex.19	21	R 3/8	10

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